

# YPEL4 Conjugated Antibody

Catalog No: #C43796

Package Size: #C43796-AF350 100ul #C43796-AF405 100ul #C43796-AF488 100ul #C43796-AF555 100ul #C43796-AF594 100ul #C43796-AF647 100ul #C43796-AF680 100ul #C43796-AF750 100ul #C43796-Biotin 100ul #C43796-Conjugated 50ul

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## Description

Product Name	YPEL4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total YPEL4 protein.
Immunogen Description	Synthetic peptide of human YPEL4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Accession No.	Swiss-Prot#:Q96NS1NCBI Gene ID:219539NCBI Protein#:NP_659445
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

IF:1:50-1:200

## Background

YPEL4 (yippee-like 4) belongs to a family of five yippee-like proteins, all of which localize to the centrosome or mitotic spindle and are widely expressed in both adult and fetal tissue. This localization plus the fact that the family of human YPEL proteins share a high degree of sequence homology across species suggests that these proteins may have a conserved function involved in cell division. YPEL4 is ubiquitously expressed in adult tissues and has been shown to associate with the major vault protein (MVP). It has been suggested that MVP can inhibit YPEL4's ability to activate Elk-1 in the MAPK signaling pathway.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.